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E. R. Hope, tr. Nov 63 [15p] 37 refs DSIS T 2 Ukr.
Order from NRC NRC-C-4658

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DESCRIPTORS: *Geodesics, *Earth, Rotation, Velocity,
Oscillation, Friction, *Tectonics, Structural geology,
Geophysics

The following propositions are discussed: (1) There
exists a historically monotonic process of retardations
of the angular velocity of the earth's rotation by tidal
friction, a retardation which is reflected in an increase
in the length of the day. (2) There occur abrupt in-
(Earth Sciences--Geology, TT, v. 11, no. 6) (over)

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 Order from OTS \$0.50

TT-63-11712

Trans. of Geomagnitizm i Aeronomiya (USSR) 1968,
 v. 3, no. 2, p. 223-226.

DESCRIPTORS: *Electromagnetic waves, Very low
 frequency, Velocity, *Atmospherics, Harmonic analy-
 sis, Ionosphere models

The average phase velocity of electromagnetic waves
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 sis of atmospherics recorded simultaneously at Moscow
 and Leningrad, during the daytime and at ranges $r >$
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DESCRIPTORS: Ionosphere, *Ionospheric propa-
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